

HAROLD HIGA
CARGO SALES REPRESENTATIVE

JAPAN AIR LINES CO., LTD.
REGIONAL OFFICE, SOUTHWEST REGION
6041 West Imperial Highway
Los Angeles, California 90045

(213) 646-2353

MEMORANDUM

September 11, 1980

TO: M. J. VENEROSO, C1-725 (52-11)
FROM: W. T. JORDAN, C1-725 (52-11)
SUBJECT: RECORD OF DISCUSSION - ALODINE 1500

It was reported that a 15 gallon shipment of DPM 5089 leaked from its polyethylene shipping container during its transportation cycle from Long Beach, California to Singapore, China.

The product, Alodine 1500 (DPM 5089), is manufactured by Amchem Products Corp., Ambler, Pa. As stated in Amchem's Material Safety Data Sheet, the product contains less than 5% chromic acid, less than 5% complex fluoride salts, and over 50% water.

By our letter of August 18, 1976, Amchem was requested to advise this office if the product was regulated as a hazardous material under the U. S. DOT Regulations, 49CFR. On March 4, 1977, Amchem forwarded their form entitled "D.O.T. SHIPPING INFORMATION". This information sheet indicated that Alodine 1500 was not a hazardous material as defined by the DOT. Accordingly, the shipment in question was shipped as a non-hazardous item.

Because of the incident, DAC Process Engineering personnel were contacted to determine if in fact the material was or was not hazardous. Chemists from Processed Engineering expressed their opinion that the material could have a corrosive or irritating effect on the skin if exposure was maintained for a period of time without washing.

Based on Process Engineering's conclusion, a telephone call was placed to Amchem Corp., in Ambler, Pa. on 9-10-80, to determine if the material was still considered non-hazardous under DOT regulations. Mr. J. Leadbeater, Traffic Department, Amchem Products, was contacted and was asked if the material, Alodine 1500, was considered a hazardous material for shipping purposes. He stated that the material's classification was changed from non-hazardous to a corrosive material and is described as Compound, Rust Preventing. He further stated updated Material Safety Data Sheets have been prepared for distribution.

Accordingly, another request for hazardous material shipping data has been prepared and forwarded to Amchem Corp., to backup the data received verbally from Mr. Leadbeater.

W. T. Jordan